

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
 Data File : BN017577.D  
 Acq On : 23 Nov 2021 21:33  
 Operator : CG/JU  
 Sample : M4753-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A0012

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN017577.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.052       | 6             | 11          | 32           | rVB      | 3797576        | 5125767       | 100.00%         | 8.489%        |
| 2         | 3.281       | 45            | 50          | 51           | rBV3     | 40382          | 49178         | 0.96%           | 0.081%        |
| 3         | 3.305       | 51            | 54          | 58           | rVV      | 71348          | 99300         | 1.94%           | 0.164%        |
| 4         | 3.340       | 58            | 60          | 66           | rVB      | 18567          | 21840         | 0.43%           | 0.036%        |
| 5         | 3.570       | 96            | 99          | 104          | rBV      | 13506          | 20136         | 0.39%           | 0.033%        |
| 6         | 3.711       | 120           | 123         | 136          | rBV      | 168961         | 270498        | 5.28%           | 0.448%        |
| 7         | 3.958       | 159           | 165         | 170          | rBV3     | 22802          | 34897         | 0.68%           | 0.058%        |
| 8         | 4.052       | 176           | 181         | 185          | rVB2     | 17932          | 24709         | 0.48%           | 0.041%        |
| 9         | 5.881       | 488           | 492         | 497          | rBV2     | 12674          | 20161         | 0.39%           | 0.033%        |
| 10        | 7.005       | 675           | 683         | 701          | rVB2     | 240794         | 471910        | 9.21%           | 0.782%        |
| 11        | 7.169       | 703           | 711         | 721          | rBV      | 817164         | 1309096       | 25.54%          | 2.168%        |
| 12        | 7.369       | 738           | 745         | 755          | rBV      | 797253         | 1300386       | 25.37%          | 2.154%        |
| 13        | 7.481       | 760           | 764         | 769          | rVB3     | 8453           | 11895         | 0.23%           | 0.020%        |
| 14        | 7.840       | 818           | 825         | 833          | rBV      | 917417         | 1443011       | 28.15%          | 2.390%        |
| 15        | 7.910       | 833           | 837         | 842          | rVB2     | 10161          | 16158         | 0.32%           | 0.027%        |
| 16        | 8.540       | 937           | 944         | 955          | rBV      | 647457         | 1078132       | 21.03%          | 1.786%        |
| 17        | 8.993       | 1013          | 1021        | 1033         | rBV      | 987867         | 1628759       | 31.78%          | 2.698%        |
| 18        | 9.122       | 1039          | 1043        | 1048         | rBV4     | 5915           | 11714         | 0.23%           | 0.019%        |
| 19        | 9.463       | 1093          | 1101        | 1106         | rBV      | 38533          | 60874         | 1.19%           | 0.101%        |
| 20        | 9.716       | 1136          | 1144        | 1153         | rBV      | 776788         | 1282152       | 25.01%          | 2.124%        |
| 21        | 10.257      | 1228          | 1236        | 1247         | rBV      | 1121593        | 1923403       | 37.52%          | 3.186%        |
| 22        | 10.416      | 1257          | 1263        | 1275         | rBV      | 221578         | 383003        | 7.47%           | 0.634%        |
| 23        | 10.640      | 1292          | 1301        | 1308         | rBV      | 1308174        | 2186100       | 42.65%          | 3.621%        |
| 24        | 10.769      | 1315          | 1323        | 1336         | rBV      | 943254         | 1679470       | 32.77%          | 2.782%        |
| 25        | 11.434      | 1432          | 1436        | 1443         | rBV7     | 9063           | 16173         | 0.32%           | 0.027%        |
| 26        | 11.581      | 1456          | 1461        | 1467         | rVB5     | 4988           | 11421         | 0.22%           | 0.019%        |
| 27        | 11.687      | 1472          | 1479        | 1483         | rBV2     | 11800          | 21919         | 0.43%           | 0.036%        |
| 28        | 11.957      | 1520          | 1525        | 1530         | rVB      | 22089          | 30118         | 0.59%           | 0.050%        |
| 29        | 12.081      | 1541          | 1546        | 1551         | rBV      | 27022          | 39910         | 0.78%           | 0.066%        |
| 30        | 12.163      | 1556          | 1560        | 1565         | rVV4     | 8756           | 13757         | 0.27%           | 0.023%        |
| 31        | 12.228      | 1565          | 1571        | 1578         | rVV      | 26933          | 44103         | 0.86%           | 0.073%        |
| 32        | 12.757      | 1657          | 1661        | 1669         | rVV7     | 7672           | 17602         | 0.34%           | 0.029%        |
| 33        | 12.840      | 1669          | 1675        | 1681         | rVV5     | 14088          | 29327         | 0.57%           | 0.049%        |
| 34        | 12.893      | 1681          | 1684        | 1694         | rVB4     | 11216          | 23271         | 0.45%           | 0.039%        |
| 35        | 12.981      | 1694          | 1699        | 1704         | rBV7     | 9367           | 20788         | 0.41%           | 0.034%        |
| 36        | 13.034      | 1704          | 1708        | 1713         | rVV3     | 14199          | 24040         | 0.47%           | 0.040%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
 Data File : BN017577.D  
 Acq On : 23 Nov 2021 21:33  
 Operator : CG/JU  
 Sample : M4753-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A0012

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.093 | 1713 | 1718 | 1724 | rVB3 | 25529   | 38103   | 0.74%  | 0.063% |
| 38 | 13.322 | 1750 | 1757 | 1764 | rBV  | 73845   | 107384  | 2.09%  | 0.178% |
| 39 | 13.387 | 1764 | 1768 | 1771 | rBV2 | 14953   | 20494   | 0.40%  | 0.034% |
| 40 | 13.798 | 1834 | 1838 | 1842 | rBV5 | 8955    | 13774   | 0.27%  | 0.023% |
| 41 | 13.887 | 1846 | 1853 | 1859 | rBV  | 2161745 | 3072267 | 59.94% | 5.088% |
| 42 | 13.981 | 1866 | 1869 | 1872 | rVB3 | 14197   | 16872   | 0.33%  | 0.028% |
| 43 | 14.016 | 1872 | 1875 | 1883 | rVB4 | 10916   | 19170   | 0.37%  | 0.032% |
| 44 | 14.169 | 1889 | 1901 | 1909 | rBV  | 2460134 | 3765426 | 73.46% | 6.236% |
| 45 | 14.393 | 1934 | 1939 | 1943 | rBV2 | 18114   | 24425   | 0.48%  | 0.040% |
| 46 | 14.475 | 1945 | 1953 | 1961 | rVV  | 1893980 | 2843960 | 55.48% | 4.710% |
| 47 | 14.657 | 1975 | 1984 | 1995 | rBV  | 152158  | 296015  | 5.78%  | 0.490% |
| 48 | 14.728 | 1995 | 1996 | 2008 | rVB8 | 10343   | 19471   | 0.38%  | 0.032% |
| 49 | 14.887 | 2021 | 2023 | 2030 | rVB4 | 12974   | 18478   | 0.36%  | 0.031% |
| 50 | 15.022 | 2037 | 2046 | 2051 | rBV9 | 8670    | 18362   | 0.36%  | 0.030% |
| 51 | 15.292 | 2086 | 2092 | 2098 | rBV2 | 71613   | 117254  | 2.29%  | 0.194% |
| 52 | 15.340 | 2098 | 2100 | 2104 | rVB2 | 15379   | 16783   | 0.33%  | 0.028% |
| 53 | 15.398 | 2106 | 2110 | 2115 | rBV3 | 32452   | 54176   | 1.06%  | 0.090% |
| 54 | 15.469 | 2115 | 2122 | 2134 | rVB  | 3016875 | 4351043 | 84.89% | 7.206% |
| 55 | 15.581 | 2134 | 2141 | 2150 | rBV  | 906130  | 1252027 | 24.43% | 2.074% |
| 56 | 15.704 | 2159 | 2162 | 2167 | rBV3 | 12340   | 19928   | 0.39%  | 0.033% |
| 57 | 15.834 | 2178 | 2184 | 2189 | rBV3 | 30036   | 43935   | 0.86%  | 0.073% |
| 58 | 15.910 | 2191 | 2197 | 2201 | rBV6 | 19737   | 34823   | 0.68%  | 0.058% |
| 59 | 16.028 | 2212 | 2217 | 2224 | rBV5 | 20364   | 41516   | 0.81%  | 0.069% |
| 60 | 16.110 | 2225 | 2231 | 2235 | rVV4 | 16333   | 23287   | 0.45%  | 0.039% |
| 61 | 16.157 | 2235 | 2239 | 2243 | rBV5 | 14614   | 22279   | 0.43%  | 0.037% |
| 62 | 16.204 | 2243 | 2247 | 2249 | rBV3 | 17933   | 19588   | 0.38%  | 0.032% |
| 63 | 16.375 | 2271 | 2276 | 2282 | rVV4 | 32165   | 51782   | 1.01%  | 0.086% |
| 64 | 16.475 | 2289 | 2293 | 2297 | rBV4 | 10378   | 15044   | 0.29%  | 0.025% |
| 65 | 16.528 | 2298 | 2302 | 2305 | rBV5 | 10193   | 16377   | 0.32%  | 0.027% |
| 66 | 16.628 | 2313 | 2319 | 2323 | rVB7 | 9283    | 16283   | 0.32%  | 0.027% |
| 67 | 16.704 | 2328 | 2332 | 2338 | rBV7 | 22373   | 36466   | 0.71%  | 0.060% |
| 68 | 16.945 | 2370 | 2373 | 2376 | rBV4 | 9008    | 12717   | 0.25%  | 0.021% |
| 69 | 16.998 | 2376 | 2382 | 2387 | rVV5 | 33701   | 63578   | 1.24%  | 0.105% |
| 70 | 17.039 | 2387 | 2389 | 2394 | rVB4 | 12349   | 20370   | 0.40%  | 0.034% |
| 71 | 17.151 | 2404 | 2408 | 2412 | rVB  | 89277   | 108995  | 2.13%  | 0.181% |
| 72 | 17.216 | 2413 | 2419 | 2430 | rVB  | 1946217 | 2894180 | 56.46% | 4.793% |
| 73 | 17.316 | 2430 | 2436 | 2444 | rBV2 | 3236238 | 4716436 | 92.01% | 7.811% |
| 74 | 17.422 | 2450 | 2454 | 2459 | rBV8 | 12603   | 23485   | 0.46%  | 0.039% |
| 75 | 17.516 | 2466 | 2470 | 2472 | rBV  | 36310   | 49597   | 0.97%  | 0.082% |
| 76 | 17.904 | 2532 | 2536 | 2541 | rVB  | 192397  | 242614  | 4.73%  | 0.402% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
 Data File : BN017577.D  
 Acq On : 23 Nov 2021 21:33  
 Operator : CG/JU  
 Sample : M4753-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A0012

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 18.033 | 2552 | 2558 | 2562 | rBV7 | 12622   | 27951   | 0.55%  | 0.046% |
| 78  | 18.128 | 2570 | 2574 | 2581 | rBV2 | 128405  | 211820  | 4.13%  | 0.351% |
| 79  | 18.192 | 2581 | 2585 | 2590 | rVB2 | 74651   | 116432  | 2.27%  | 0.193% |
| 80  | 18.433 | 2623 | 2626 | 2630 | rBV4 | 17933   | 22659   | 0.44%  | 0.038% |
| 81  | 18.563 | 2645 | 2648 | 2652 | rVB5 | 18626   | 19039   | 0.37%  | 0.032% |
| 82  | 18.898 | 2701 | 2705 | 2710 | rBV2 | 40248   | 58069   | 1.13%  | 0.096% |
| 83  | 18.986 | 2717 | 2720 | 2727 | rBV  | 53366   | 77178   | 1.51%  | 0.128% |
| 84  | 19.080 | 2728 | 2736 | 2740 | rVV4 | 116936  | 167350  | 3.26%  | 0.277% |
| 85  | 19.175 | 2749 | 2752 | 2757 | rVB2 | 37389   | 47037   | 0.92%  | 0.078% |
| 86  | 19.222 | 2757 | 2760 | 2762 | rBV3 | 31284   | 44197   | 0.86%  | 0.073% |
| 87  | 19.245 | 2762 | 2764 | 2768 | rVB2 | 43762   | 48353   | 0.94%  | 0.080% |
| 88  | 19.404 | 2788 | 2791 | 2799 | rBV2 | 63934   | 104766  | 2.04%  | 0.174% |
| 89  | 19.498 | 2803 | 2807 | 2810 | rVV5 | 26866   | 40417   | 0.79%  | 0.067% |
| 90  | 19.539 | 2810 | 2814 | 2820 | rVV  | 47697   | 79846   | 1.56%  | 0.132% |
| 91  | 19.616 | 2820 | 2827 | 2840 | rVV  | 3161442 | 4637040 | 90.47% | 7.680% |
| 92  | 20.763 | 3018 | 3022 | 3024 | rBV2 | 39174   | 60488   | 1.18%  | 0.100% |
| 93  | 20.810 | 3026 | 3030 | 3036 | rVV3 | 57040   | 123358  | 2.41%  | 0.204% |
| 94  | 21.133 | 3081 | 3085 | 3092 | rBV2 | 95084   | 187109  | 3.65%  | 0.310% |
| 95  | 21.404 | 3126 | 3131 | 3141 | rVB  | 1824049 | 2262555 | 44.14% | 3.747% |
| 96  | 23.074 | 3412 | 3415 | 3420 | rVB  | 79963   | 118263  | 2.31%  | 0.196% |
| 97  | 23.616 | 3499 | 3507 | 3516 | rBV2 | 2034413 | 4029392 | 78.61% | 6.674% |
| 98  | 23.692 | 3517 | 3520 | 3526 | rVV3 | 97325   | 163914  | 3.20%  | 0.271% |
| 99  | 23.768 | 3526 | 3533 | 3543 | rVB2 | 1091665 | 2259917 | 44.09% | 3.743% |
| 100 | 24.404 | 3636 | 3641 | 3648 | rVB3 | 94079   | 187598  | 3.66%  | 0.311% |

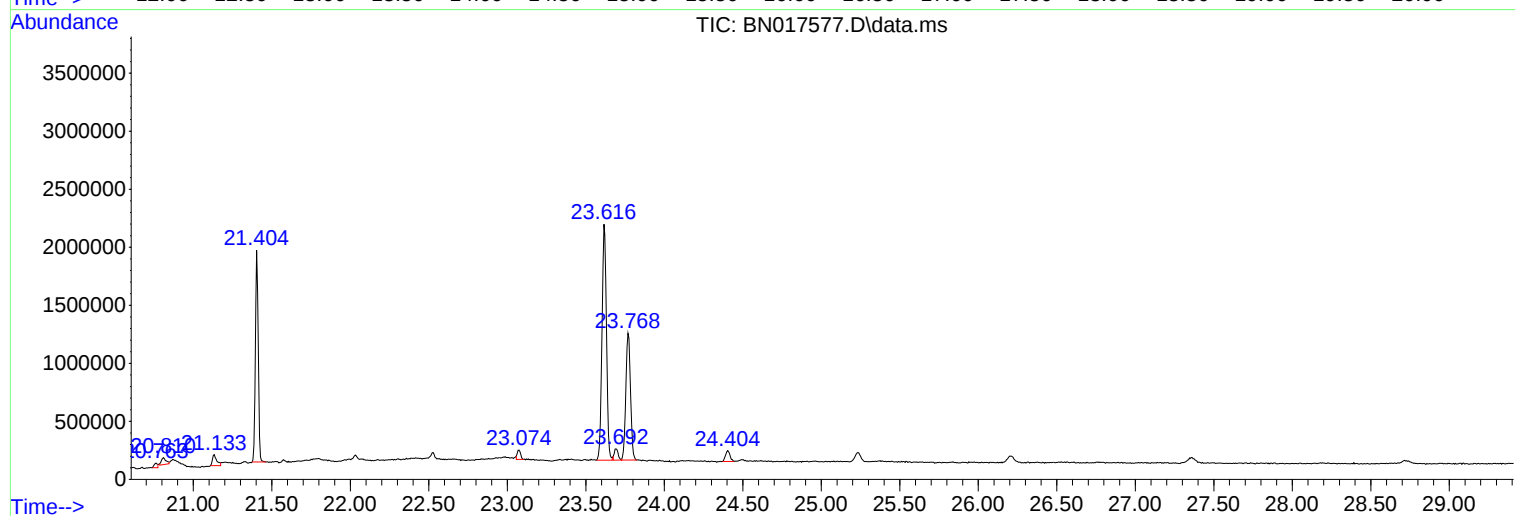
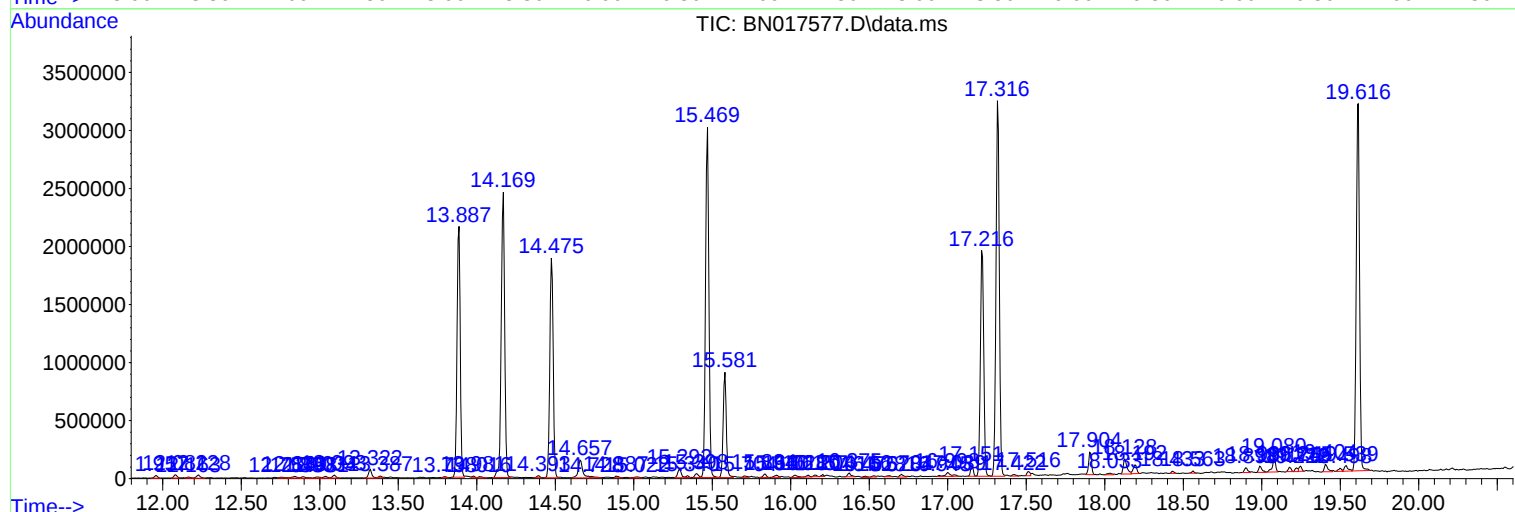
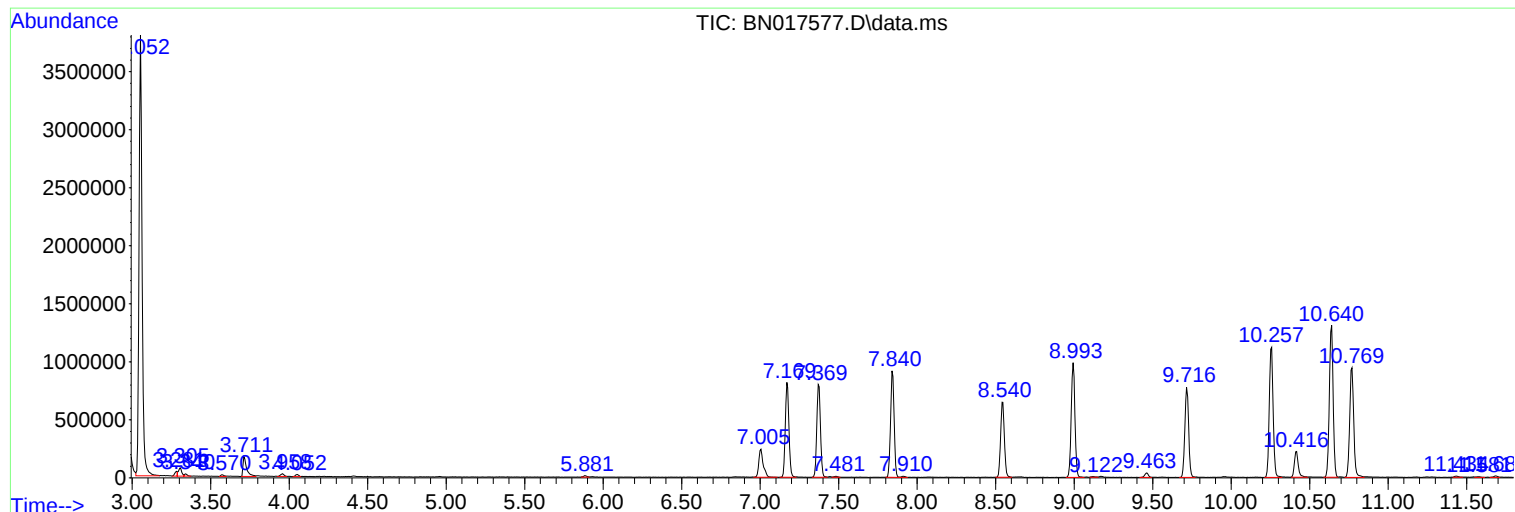
Sum of corrected areas: 60378490

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
Data File : BN017577.D  
Acq On : 23 Nov 2021 21:33  
Operator : CG/JU  
Sample : M4753-02  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A0012

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
Data File : BN017577.D  
Acq On : 23 Nov 2021 21:33  
Operator : CG/JU  
Sample : M4753-02  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A0012

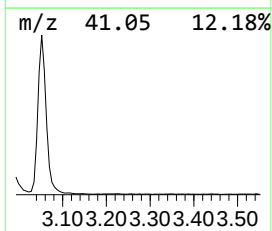
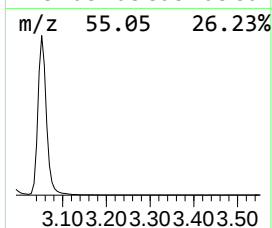
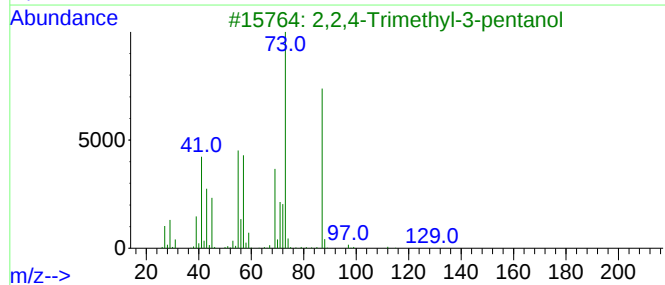
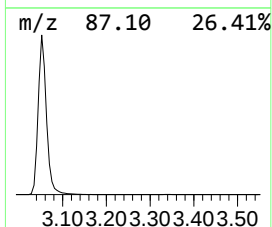
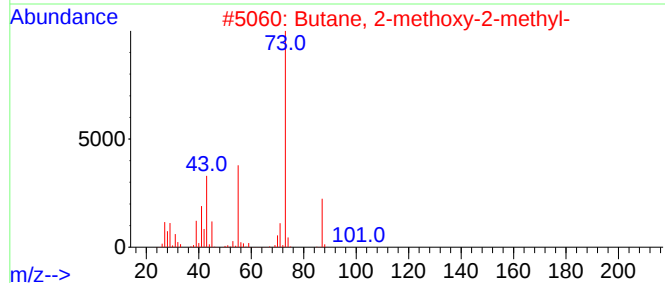
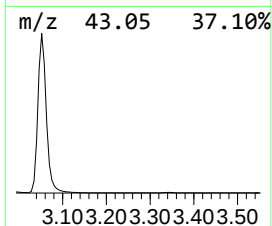
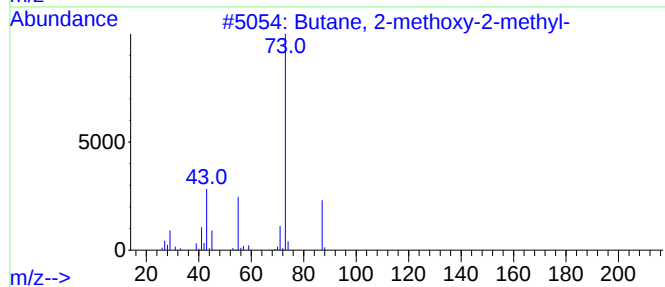
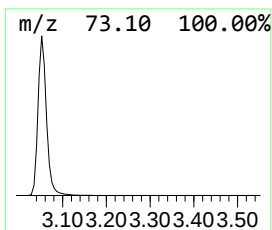
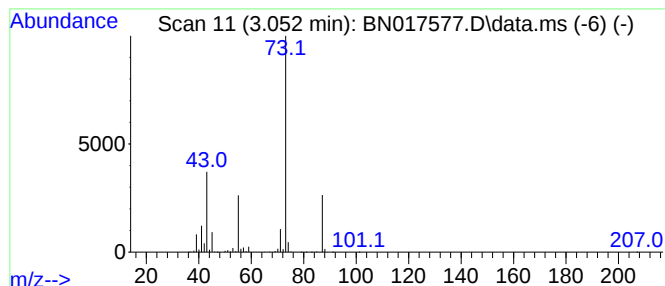
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.052 | 71.04 ng/ul | 5125770 | 1,4-Dichlorobenzene-d4 | 7.840 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8 | 78   |
| 2    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8 | 74   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol       | 130 | C8H18O   | 005162-48-1 | 40   |
| 4    |    |   | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 23   |
| 5    |    |   | Acetamide, N-ethyl-              | 87  | C4H9NO   | 000625-50-3 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
Data File : BN017577.D  
Acq On : 23 Nov 2021 21:33  
Operator : CG/JU  
Sample : M4753-02  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A0012

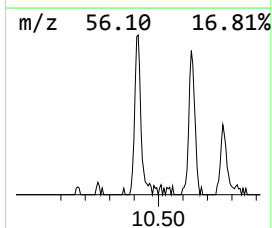
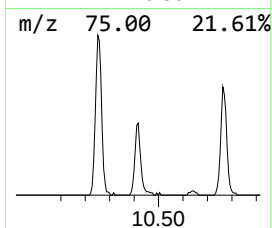
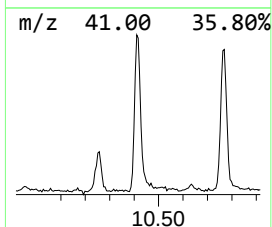
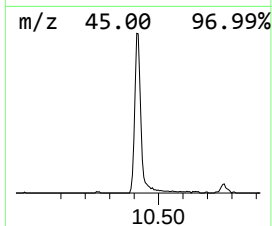
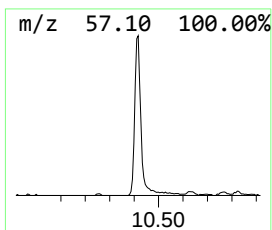
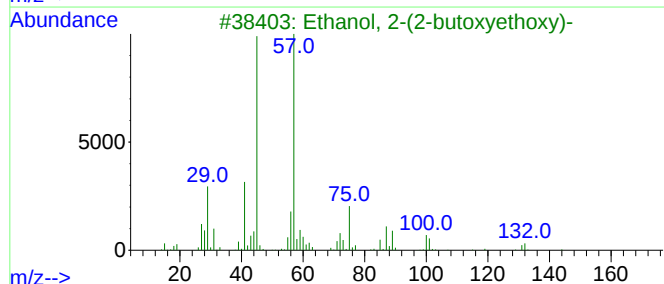
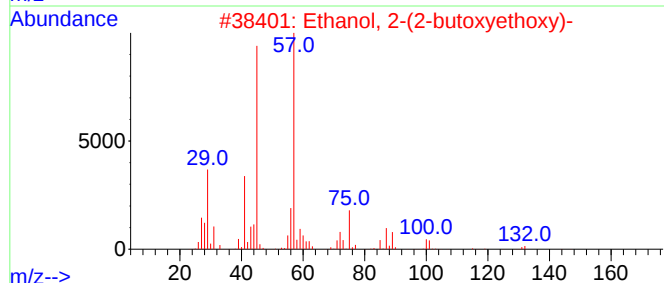
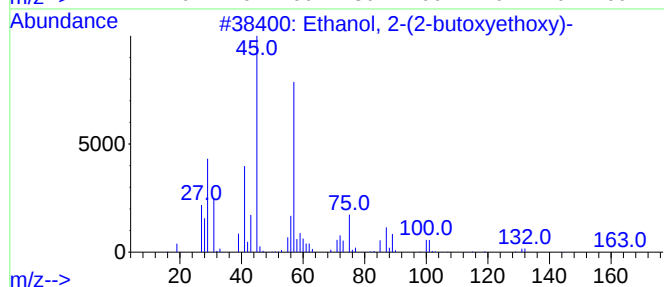
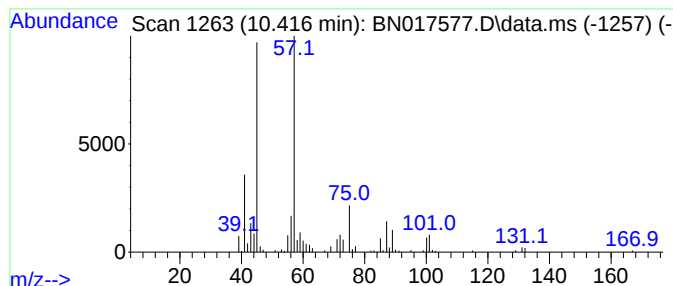
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.416 | 3.50 ng/ul | 383003 | Naphthalene-d8   | 10.640 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 5    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112421\  
Data File : BN017577.D  
Acq On : 23 Nov 2021 21:33  
Operator : CG/JU  
Sample : M4753-02  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A0012

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN112221.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.052  | 71.0    | ng/ul | 5125770  | 1                     | 7.840  | 1443010 | 20.0 |
| Ethanol, 2-(2-b... | 10.416 | 3.5     | ng/ul | 383003   | 2                     | 10.640 | 2186100 | 20.0 |